

Prices of Petroleum Products

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
United States												
October 2019	2.192	1.817	1.816	2.662	NA	2.071	2.921	NA	2.265	2.297	NA	1.871
September 2019	2.152	1.824	1.800	2.553	2.145	2.042	2.792	NA	2.229	2.249	NA	1.854
October 2018	2.361	2.147	2.046	2.725	2.451	2.261	2.962	NA	2.419	2.445	2.172	2.090
PAD District 1												
October 2019	1.957	W	1.670	2.230	W	1.852	2.456	W	2.018	2.029	W	1.711
September 2019	1.971	W	1.676	2.253	NA	1.865	2.490	W	2.032	2.051	W	1.721
October 2018	2.211	W	1.952	2.466	W	2.137	2.684	W	2.291	2.277	W	1.992
Subdistrict 1A												
October 2019	W	W	1.716	W	-	1.954	W	-	2.012	W	W	1.758
September 2019	W	W	1.708	W	-	1.942	W	-	2.027	W	W	1.755
October 2018	W	W	1.985	W	-	2.166	W	-	2.253	W	W	2.020
Connecticut												
October 2019	-	W	1.711	-	-	1.854	-	-	2.031	-	W	1.761
September 2019	-	W	1.703	-	-	1.853	-	-	2.048	-	W	1.759
October 2018	-	W	1.985	-	-	2.125	-	-	2.287	-	W	2.029
Maine												
October 2019	-	-	1.778	-	-	W	-	-	2.122	-	-	1.808
September 2019	-	-	1.767	-	-	W	-	-	W	-	-	1.799
October 2018	-	-	2.051	-	-	W	-	-	W	-	-	2.074
Massachusetts												
October 2019	W	-	1.694	W	-	1.777	W	-	1.946	W	-	1.731
September 2019	W	-	1.685	W	-	1.787	W	-	1.977	W	-	1.728
October 2018	W	-	1.968	W	-	2.078	W	-	2.186	W	-	1.997
New Hampshire												
October 2019	W	-	W	W	-	-	W	-	W	W	-	W
September 2019	W	-	W	W	-	-	W	-	W	W	-	W
October 2018	W	-	W	W	-	-	W	-	W	W	-	W
Rhode Island												
October 2019	W	-	1.710	W	-	1.811	W	-	W	W	-	1.752
September 2019	W	-	1.705	W	-	W	W	-	W	W	-	1.748
October 2018	W	-	W	W	-	W	W	-	2.208	W	-	2.001
Vermont												
October 2019	-	-	1.727	-	-	W	-	-	2.105	-	-	W
September 2019	-	-	W	-	-	-	-	-	2.115	-	-	W
October 2018	-	-	1.975	-	-	W	-	-	2.290	-	-	W
Subdistrict 1B												
October 2019	2.030	-	1.689	2.286	-	1.824	2.490	-	2.012	2.107	-	1.734
September 2019	2.056	-	1.682	2.319	-	1.820	2.533	-	2.036	2.142	-	1.729
October 2018	2.242	-	1.954	2.475	-	2.089	2.674	-	2.244	2.314	-	1.991
Delaware												
October 2019	W	-	1.690	W	-	1.844	W	-	1.971	W	-	1.721
September 2019	W	-	1.673	W	-	1.836	W	-	1.985	W	-	1.707
October 2018	W	-	1.957	W	-	2.081	W	-	2.185	W	-	1.982
District of Columbia												
October 2019	-	-	-	-	-	-	-	-	-	-	-	-
September 2019	-	-	-	-	-	-	-	-	-	-	-	-
October 2018	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
October 2019	-	-	1.665	-	-	1.751	-	-	1.933	-	-	1.704
September 2019	-	-	1.665	-	-	1.767	-	-	1.960	-	-	1.709
October 2018	-	-	1.947	-	-	2.042	-	-	2.201	-	-	1.983
New Jersey												
October 2019	W	-	1.669	W	-	1.822	W	-	1.971	W	-	1.710
September 2019	W	-	1.658	W	-	1.810	W	-	2.000	W	-	1.701
October 2018	W	-	1.930	W	-	2.063	W	-	2.182	W	-	1.961
New York												
October 2019	2.105	-	1.735	2.350	-	2.040	2.549	-	2.092	2.180	-	1.797
September 2019	2.140	-	1.736	2.391	-	2.032	2.598	-	2.124	2.226	-	1.805
October 2018	2.279	-	1.997	2.501	-	2.296	2.701	-	2.337	2.353	-	2.052
Pennsylvania												
October 2019	W	-	1.684	W	-	1.849	W	-	2.019	W	-	1.720
September 2019	W	-	1.679	W	-	1.857	W	-	2.032	W	-	1.712
October 2018	W	-	1.945	W	-	2.087	W	-	2.229	W	-	1.971

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
Subdistrict 1C												
October 2019	W	W	1.654	W	W	1.853	W	W	2.024	W	W	1.698
September 2019	W	W	1.669	W	NA	1.872	W	W	2.030	W	W	1.712
October 2018	W	W	1.946	W	W	2.150	W	W	2.328	W	W	1.989
Florida												
October 2019	W	1.699	1.669	W	-	1.865	W	NA	2.023	W	1.710	1.714
September 2019	W	1.746	1.691	W	-	1.878	W	NA	2.029	W	1.753	1.736
October 2018	W	2.019	1.976	W	-	2.213	W	W	2.363	W	2.025	2.024
Georgia												
October 2019	W	W	1.641	W	-	1.817	W	-	2.050	W	W	1.687
September 2019	W	W	1.657	W	-	1.851	W	-	2.057	W	W	1.702
October 2018	W	W	1.931	W	-	2.103	W	-	2.342	W	W	1.977
North Carolina												
October 2019	W	W	1.641	W	-	1.879	W	W	2.023	W	W	1.685
September 2019	W	W	1.649	W	-	1.895	W	W	2.024	W	W	1.694
October 2018	W	W	1.922	W	-	2.153	W	W	2.319	W	W	1.965
South Carolina												
October 2019	W	W	1.644	W	W	1.884	W	W	2.059	W	W	1.683
September 2019	W	NA	1.649	W	NA	1.912	W	W	2.057	W	W	1.690
October 2018	W	W	1.917	W	W	2.166	W	W	2.316	W	W	1.953
Virginia												
October 2019	-	W	1.661	-	-	1.794	-	W	1.981	-	W	1.702
September 2019	-	W	1.667	-	-	1.804	-	W	1.990	-	W	1.708
October 2018	-	-	1.949	-	-	2.070	-	-	2.254	-	-	1.986
West Virginia												
October 2019	W	-	1.667	W	-	1.922	W	-	2.035	W	-	1.697
September 2019	W	-	1.729	W	-	1.986	W	-	NA	W	-	1.749
October 2018	W	W	1.973	W	-	2.165	W	-	2.328	W	W	1.993
PAD District 2												
October 2019	W	1.812	1.667	W	W	1.848	W	W	2.063	W	1.833	1.701
September 2019	W	1.871	1.714	W	W	1.892	W	W	2.151	W	1.888	1.753
October 2018	W	2.094	1.953	2.473	W	2.103	W	2.450	2.299	W	2.121	1.981
Illinois												
October 2019	W	1.839	1.625	W	-	1.802	W	W	2.038	W	1.822	1.665
September 2019	W	1.905	1.698	W	-	1.868	W	W	2.127	W	1.881	1.741
October 2018	W	2.181	1.940	W	-	2.088	W	-	2.280	W	2.181	1.973
Indiana												
October 2019	W	W	1.639	W	-	1.887	W	-	2.088	W	W	1.671
September 2019	W	W	1.689	W	-	1.877	W	-	2.168	W	W	1.724
October 2018	W	W	1.931	W	-	2.109	W	W	2.325	W	W	1.957
Iowa												
October 2019	-	W	1.710	-	-	1.859	-	-	2.014	-	W	1.736
September 2019	-	W	1.730	-	-	1.897	-	-	2.146	-	W	1.767
October 2018	-	W	1.991	-	-	2.103	-	-	2.307	-	W	2.022
Kansas												
October 2019	W	W	1.676	W	W	1.808	-	-	1.950	W	W	1.697
September 2019	W	W	1.704	W	W	1.863	-	-	2.041	W	W	1.733
October 2018	W	W	1.956	W	W	2.070	-	-	2.170	W	W	1.973
Kentucky												
October 2019	W	W	1.685	W	-	1.893	W	NA	2.112	W	W	1.711
September 2019	W	W	1.701	W	-	1.920	W	NA	2.133	W	W	1.728
October 2018	W	W	1.981	W	-	2.142	W	W	2.373	W	W	2.004
Michigan												
October 2019	W	W	1.662	W	-	2.006	W	W	2.201	W	W	1.695
September 2019	W	W	1.748	W	-	2.111	W	W	2.313	W	W	1.785
October 2018	W	W	1.940	W	-	2.243	W	W	2.424	W	W	1.969
Minnesota												
October 2019	W	W	1.721	W	W	1.849	W	W	2.020	W	W	1.749
September 2019	W	W	1.743	W	W	1.897	W	W	2.129	W	W	1.781
October 2018	2.320	W	1.988	2.536	W	2.063	W	W	2.228	2.364	W	2.009
Missouri												
October 2019	-	W	1.696	-	-	1.845	-	-	2.045	-	W	1.725
September 2019	-	W	1.711	-	-	1.924	-	-	2.113	-	W	1.746
October 2018	-	W	1.970	-	-	2.099	-	-	2.260	-	W	1.992

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
PAD District 2 (cont.)												
Nebraska												
October 2019	W	W	1.720	W	W	1.851	-	-	2.047	W	W	1.751
September 2019	W	W	1.742	W	W	1.891	-	-	2.170	W	W	1.786
October 2018	W	W	1.992	W	-	2.109	-	-	2.275	W	W	2.020
North Dakota												
October 2019	W	W	1.805	W	W	1.937	W	W	2.316	W	W	1.856
September 2019	W	W	1.834	W	W	1.952	W	W	2.370	W	W	1.891
October 2018	W	W	2.002	W	W	2.149	W	W	2.388	W	W	2.038
Ohio												
October 2019	W	W	1.680	W	-	1.955	W	W	2.181	W	W	1.715
September 2019	W	W	1.742	W	-	2.024	W	W	2.262	W	W	1.780
October 2018	W	W	1.940	W	-	2.184	W	W	2.369	W	W	1.971
Oklahoma												
October 2019	W	W	1.705	W	-	1.839	W	-	1.916	W	W	1.737
September 2019	W	W	1.740	W	-	1.906	W	-	2.093	W	W	1.800
October 2018	W	W	1.995	W	-	2.137	W	-	2.209	W	W	2.023
South Dakota												
October 2019	W	W	1.739	W	W	1.858	W	W	2.117	W	W	1.772
September 2019	W	W	1.760	W	W	1.892	W	-	2.169	W	W	1.800
October 2018	W	W	2.047	W	W	2.105	W	W	2.334	W	W	2.071
Tennessee												
October 2019	W	W	1.629	W	-	1.795	W	NA	1.998	W	W	1.663
September 2019	W	W	1.640	W	-	1.799	W	NA	2.002	W	W	1.673
October 2018	W	W	1.914	W	-	2.072	W	W	2.265	W	W	1.945
Wisconsin												
October 2019	W	W	1.648	W	W	1.822	W	W	2.160	W	W	1.689
September 2019	W	W	1.721	W	W	1.908	W	W	2.257	W	W	1.768
October 2018	W	W	1.969	W	-	2.098	W	W	2.378	W	W	1.999
PAD District 3												
October 2019	2.079	1.682	1.641	2.402	W	1.815	2.654	W	1.943	2.147	1.730	1.671
September 2019	2.106	W	1.664	2.428	W	1.841	2.703	W	1.966	2.178	W	1.693
October 2018	2.377	W	1.961	2.629	W	2.095	2.872	2.355	2.223	2.434	W	1.985
Alabama												
October 2019	W	W	1.636	W	-	1.832	W	W	2.077	W	W	1.674
September 2019	W	W	1.642	W	-	1.848	W	W	2.072	W	W	1.679
October 2018	-	W	1.924	-	-	2.195	-	W	2.353	-	W	1.961
Arkansas												
October 2019	-	-	1.674	-	-	1.843	-	-	2.000	-	-	1.700
September 2019	-	-	1.680	-	-	1.851	-	-	2.046	-	-	1.711
October 2018	-	-	1.961	-	-	2.141	-	-	2.269	-	-	1.985
Louisiana												
October 2019	-	W	1.635	-	-	1.782	-	-	1.918	-	W	1.658
September 2019	-	W	1.636	-	-	1.788	-	-	1.937	-	W	1.660
October 2018	-	W	1.961	-	-	2.064	-	-	2.188	-	W	1.985
Mississippi												
October 2019	-	-	1.655	-	-	1.843	-	-	2.050	-	-	1.680
September 2019	-	-	1.655	-	-	1.855	-	-	2.043	-	-	1.681
October 2018	-	-	1.973	-	-	2.116	-	-	2.333	-	-	1.994
New Mexico												
October 2019	W	W	1.840	W	-	1.987	2.725	W	2.197	W	W	1.885
September 2019	W	W	1.868	W	-	2.043	2.698	W	2.270	W	W	1.919
October 2018	2.388	W	2.058	2.617	-	2.184	W	W	2.401	2.452	W	2.099
Texas												
October 2019	1.996	W	1.631	2.320	W	1.787	2.594	W	1.910	2.059	W	1.661
September 2019	2.061	W	1.664	2.404	W	1.819	2.713	-	1.933	2.131	W	1.693
October 2018	W	W	1.960	W	W	2.055	W	-	2.197	W	W	1.981

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
PAD District 4												
October 2019	W	2.092	1.983	W	W	2.176	2.806	W	2.338	W	2.154	2.050
September 2019	W	2.125	1.915	W	W	2.156	2.748	W	2.290	W	2.197	1.988
October 2018	W	2.386	2.173	2.733	W	2.402	3.010	W	2.509	W	2.434	2.234
Colorado												
October 2019	W	2.214	2.037	2.575	W	2.249	W	-	2.443	2.453	2.197	2.111
September 2019	W	2.226	1.958	2.506	W	2.188	W	W	2.392	2.383	2.213	2.041
October 2018	W	2.428	2.141	2.768	W	2.364	W	W	2.540	2.623	2.448	2.211
Idaho												
October 2019	W	W	2.064	W	W	2.249	W	W	2.357	W	W	2.108
September 2019	W	W	1.941	W	W	2.199	W	W	2.248	W	W	1.990
October 2018	W	W	2.290	W	W	2.403	W	NA	2.534	W	W	2.325
Montana												
October 2019	W	W	1.915	W	W	2.078	W	W	2.391	W	W	1.992
September 2019	W	W	1.886	W	W	2.071	W	W	2.363	W	W	1.967
October 2018	W	W	2.172	W	W	W	W	W	2.629	W	W	2.241
Utah												
October 2019	W	W	1.917	W	W	2.184	W	-	2.203	W	W	1.987
September 2019	W	W	1.866	W	W	2.178	W	-	2.156	W	W	1.935
October 2018	W	W	2.190	W	W	2.475	W	-	2.430	W	W	2.246
Wyoming												
October 2019	W	W	1.888	W	-	1.966	W	-	2.291	W	W	1.947
September 2019	W	W	1.855	W	-	1.976	W	-	2.256	W	W	1.920
October 2018	W	W	2.091	W	-	2.290	W	-	W	W	W	2.147
PAD District 5												
October 2019	3.059	NA	2.494	3.377	NA	2.722	3.521	NA	2.825	3.172	NA	2.556
September 2019	2.721	NA	2.287	2.995	2.597	2.491	3.149	NA	2.600	2.828	NA	2.349
October 2018	2.905	2.538	2.436	3.103	2.728	2.627	3.259	2.765	2.708	2.986	2.558	2.487
Alaska												
October 2019	W	W	W	W	-	W	W	W	2.545	W	W	W
September 2019	W	W	W	W	-	W	W	W	2.443	W	W	W
October 2018	W	W	W	W	-	W	W	W	2.716	W	W	W
Arizona												
October 2019	W	W	2.036	W	W	NA	W	W	2.383	W	W	2.078
September 2019	W	W	2.037	W	W	NA	W	W	2.344	W	W	2.076
October 2018	W	W	2.216	W	W	2.476	W	W	2.477	W	W	2.248
California												
October 2019	3.283	2.715	2.707	3.489	W	2.875	3.626	-	2.972	3.375	NA	2.764
September 2019	2.858	W	2.462	3.065	-	2.588	3.201	-	2.719	2.953	W	2.519
October 2018	2.987	NA	2.527	3.160	W	2.661	3.294	-	2.766	3.066	NA	2.578
Hawaii												
October 2019	W	W	W	W	W	W	W	W	W	W	W	W
September 2019	W	W	W	W	W	W	W	W	W	W	W	W
October 2018	W	W	W	W	W	W	W	W	W	W	W	W
Nevada												
October 2019	W	W	2.339	W	-	2.599	W	-	2.616	W	W	2.396
September 2019	W	W	2.169	W	-	2.361	W	-	2.413	W	W	2.223
October 2018	W	W	2.300	W	-	2.499	W	-	2.536	W	W	2.349
Oregon												
October 2019	2.684	-	2.274	2.868	-	2.456	2.987	-	2.544	2.731	-	2.306
September 2019	2.487	-	2.009	2.692	-	2.209	2.818	-	2.306	2.541	-	2.046
October 2018	2.776	-	2.299	2.968	-	2.484	3.100	-	2.574	2.825	-	2.330
Washington												
October 2019	2.506	W	2.237	2.741	W	2.475	2.909	W	2.555	2.566	W	2.290
September 2019	2.296	W	1.987	2.550	W	2.240	2.731	W	2.330	2.362	W	2.047
October 2018	2.662	W	2.368	2.892	W	2.581	3.122	W	2.670	2.728	W	2.418

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Sales to "other end users" are all end-user sales that were not made through company-operated retail outlets, e.g., sales to agricultural customers or utilities.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2019 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
October 2019	W	2.857	1.968	1.931	W	2.003
September 2019	W	2.829	1.937	1.898	3.203	1.984
October 2018	W	3.099	2.349	2.296	W	2.437
PAD District 1						
October 2019	W	2.877	1.974	1.966	3.051	2.082
September 2019	W	2.893	1.934	1.922	2.955	2.060
October 2018	W	3.170	2.327	2.310	W	2.482
Subdistrict 1A						
October 2019	-	W	2.063	2.004	W	-
September 2019	W	W	2.004	1.956	W	-
October 2018	-	W	2.387	2.332	W	-
Connecticut						
October 2019	-	-	W	W	-	-
September 2019	-	-	W	W	-	-
October 2018	-	-	W	W	-	-
Maine						
October 2019	-	W	W	W	-	-
September 2019	W	W	W	W	-	-
October 2018	-	W	W	W	-	-
Massachusetts						
October 2019	-	-	W	1.996	W	-
September 2019	-	-	W	1.953	W	-
October 2018	-	-	W	2.328	W	-
New Hampshire						
October 2019	-	-	W	-	W	-
September 2019	-	-	W	-	W	-
October 2018	-	-	W	W	W	-
Rhode Island						
October 2019	-	-	W	W	W	-
September 2019	-	-	W	W	W	-
October 2018	-	-	W	W	W	-
Vermont						
October 2019	-	-	W	W	-	-
September 2019	-	-	W	W	-	-
October 2018	-	-	W	W	-	-
Subdistrict 1B						
October 2019	W	2.953	1.988	1.955	3.116	2.040
September 2019	-	3.068	1.935	1.912	2.892	2.047
October 2018	W	3.236	2.326	2.288	3.194	2.442
Delaware						
October 2019	-	-	-	-	W	-
September 2019	-	-	-	-	W	W
October 2018	-	-	-	W	W	W
District of Columbia						
October 2019	-	-	-	-	-	-
September 2019	-	-	-	-	-	-
October 2018	-	-	-	-	-	-
Maryland						
October 2019	-	-	W	W	-	W
September 2019	-	-	W	1.924	-	W
October 2018	-	-	W	2.311	-	W
New Jersey						
October 2019	-	-	1.976	1.957	W	W
September 2019	-	-	1.932	1.914	W	2.037
October 2018	-	-	2.321	2.283	W	2.441
New York						
October 2019	-	W	2.004	2.059	W	2.192
September 2019	-	W	1.944	2.008	W	2.204
October 2018	-	W	2.333	2.383	W	2.564
Pennsylvania						
October 2019	W	W	W	1.946	2.953	W
September 2019	-	W	W	1.904	2.575	W
October 2018	W	W	W	2.312	3.270	W

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
October 2019	W	2.841	1.955	1.972	W	2.335
September 2019	W	2.802	1.929	1.940	W	W
October 2018	W	3.141	2.323	2.341	W	2.724
Florida						
October 2019	-	2.795	1.968	1.941	W	-
September 2019	-	2.749	1.936	1.926	W	-
October 2018	-	3.097	2.324	2.351	W	-
Georgia						
October 2019	W	W	W	1.946	-	W
September 2019	W	W	W	1.935	-	W
October 2018	W	W	W	2.276	-	W
North Carolina						
October 2019	-	W	W	2.105	W	2.321
September 2019	-	W	W	1.979	W	W
October 2018	-	W	W	2.315	W	W
South Carolina						
October 2019	-	-	W	1.955	W	W
September 2019	-	-	W	1.932	W	W
October 2018	-	-	W	2.351	W	W
Virginia						
October 2019	-	W	1.919	2.081	-	W
September 2019	-	W	1.898	1.997	-	W
October 2018	-	W	2.308	W	-	W
West Virginia						
October 2019	-	-	-	W	W	-
September 2019	-	-	-	W	W	-
October 2018	-	-	W	W	W	-
PAD District 2						
October 2019	W	2.860	1.938	1.923	W	2.602
September 2019	W	2.868	1.910	1.913	W	2.487
October 2018	W	3.139	2.358	2.318	W	2.787
Illinois						
October 2019	W	W	1.939	W	W	W
September 2019	W	W	1.901	W	W	W
October 2018	W	W	2.409	W	W	W
Indiana						
October 2019	-	-	1.913	1.926	W	2.666
September 2019	-	-	1.886	1.886	W	W
October 2018	-	-	2.345	2.359	W	2.965
Iowa						
October 2019	-	-	W	1.979	-	W
September 2019	-	-	W	1.977	-	W
October 2018	-	-	W	2.376	-	-
Kansas						
October 2019	W	W	W	W	-	W
September 2019	W	W	W	W	-	W
October 2018	W	W	W	W	-	W
Kentucky						
October 2019	-	W	1.937	1.927	W	W
September 2019	W	W	1.924	1.917	W	W
October 2018	-	W	2.316	W	W	W
Michigan						
October 2019	-	-	W	1.905	W	W
September 2019	-	-	W	1.889	W	W
October 2018	W	-	W	2.305	W	W
Minnesota						
October 2019	W	W	1.934	1.908	W	W
September 2019	W	W	1.946	1.920	W	W
October 2018	W	W	2.322	W	W	W
Missouri						
October 2019	W	W	W	W	-	W
September 2019	W	W	W	W	-	-
October 2018	W	W	W	W	-	W

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
October 2019	W	-	W	W	-	-
September 2019	W	-	W	W	-	-
October 2018	W	-	W	W	-	-
North Dakota						
October 2019	-	-	W	W	W	-
September 2019	-	-	W	W	W	-
October 2018	-	-	W	W	W	-
Ohio						
October 2019	W	W	1.969	1.892	W	W
September 2019	W	W	1.954	1.885	W	W
October 2018	W	W	2.368	2.290	W	W
Oklahoma						
October 2019	W	-	W	1.927	-	W
September 2019	W	-	W	1.898	-	W
October 2018	W	-	W	2.352	-	W
South Dakota						
October 2019	-	-	W	-	-	-
September 2019	-	-	W	-	-	-
October 2018	W	-	W	-	-	-
Tennessee						
October 2019	W	2.876	W	1.958	W	W
September 2019	W	W	W	1.920	W	W
October 2018	W	3.154	W	2.336	W	W
Wisconsin						
October 2019	-	-	W	1.966	W	-
September 2019	-	-	W	1.931	W	W
October 2018	-	-	2.430	W	W	W
PAD District 3						
October 2019	W	2.593	1.933	1.882	-	1.911
September 2019	W	2.550	1.932	1.868	-	1.924
October 2018	W	2.929	2.321	2.258	-	2.313
Alabama						
October 2019	-	W	1.954	1.938	-	W
September 2019	-	W	1.913	1.919	-	W
October 2018	-	W	2.344	2.335	-	W
Arkansas						
October 2019	W	-	W	1.993	-	-
September 2019	-	-	W	1.962	-	-
October 2018	-	-	W	2.420	-	-
Louisiana						
October 2019	-	2.641	1.915	1.882	-	W
September 2019	-	2.583	1.872	1.873	-	W
October 2018	W	3.014	2.277	2.243	-	W
Mississippi						
October 2019	-	W	1.861	1.864	-	W
September 2019	-	W	1.872	1.848	-	-
October 2018	-	W	2.278	2.242	-	W
New Mexico						
October 2019	W	-	W	W	-	-
September 2019	W	-	W	W	-	-
October 2018	W	-	W	W	-	-
Texas						
October 2019	W	2.591	1.950	1.884	-	W
September 2019	W	W	1.971	1.869	-	W
October 2018	W	W	2.336	2.268	-	W

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
October 2019	W	W	2.111	2.034	W	-
September 2019	W	W	2.065	1.990	-	-
October 2018	W	W	2.440	2.399	W	-
Colorado						
October 2019	W	-	1.985	1.976	-	-
September 2019	W	-	1.959	1.945	-	-
October 2018	W	-	2.380	2.363	-	-
Idaho						
October 2019	-	-	W	2.225	W	-
September 2019	-	-	W	2.178	-	-
October 2018	-	-	W	2.512	W	-
Montana						
October 2019	W	W	W	W	-	-
September 2019	W	W	W	W	-	-
October 2018	-	W	W	W	-	-
Utah						
October 2019	W	W	2.185	2.178	-	-
September 2019	W	W	2.122	2.101	-	-
October 2018	W	W	2.460	2.475	-	-
Wyoming						
October 2019	-	-	W	W	-	-
September 2019	-	-	W	W	-	-
October 2018	-	-	W	W	-	-
PAD District 5						
October 2019	W	3.183	1.985	1.988	W	W
September 2019	W	3.136	1.945	1.921	W	W
October 2018	W	3.142	2.360	2.343	-	W
Alaska						
October 2019	W	W	W	W	-	-
September 2019	W	W	W	W	-	-
October 2018	W	W	W	W	-	-
Arizona						
October 2019	W	W	W	2.039	-	-
September 2019	W	W	W	1.972	-	-
October 2018	W	W	2.391	2.387	-	-
California						
October 2019	W	3.259	1.988	1.980	W	W
September 2019	-	3.119	1.942	1.909	W	W
October 2018	W	W	2.352	2.325	-	W
Hawaii						
October 2019	-	-	W	W	-	-
September 2019	-	-	W	W	-	-
October 2018	-	W	W	W	-	-
Nevada						
October 2019	-	-	W	W	-	-
September 2019	-	-	W	W	-	-
October 2018	-	-	W	2.369	-	-
Oregon						
October 2019	-	3.627	2.040	W	-	-
September 2019	-	3.235	1.961	W	-	-
October 2018	-	3.452	2.403	2.387	-	-
Washington						
October 2019	-	W	1.978	1.989	-	-
September 2019	-	W	1.925	1.904	-	-
October 2018	-	W	2.342	2.384	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2019 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 33. Refiner prices of distillate fuels by PAD District and state

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
October 2019	2.527	2.369	2.134	1.982	-	W
September 2019	2.348	2.264	2.102	1.954	-	W
October 2018	2.850	2.665	2.501	2.373	-	W
PAD District 1						
October 2019	-	W	2.143	1.952	-	-
September 2019	-	W	2.168	1.944	-	-
October 2018	-	W	2.514	2.340	-	-
Subdistrict 1A						
October 2019	-	-	W	1.977	-	-
September 2019	-	-	W	1.968	-	-
October 2018	-	-	W	2.353	-	-
Connecticut						
October 2019	-	-	W	1.969	-	-
September 2019	-	-	W	1.961	-	-
October 2018	-	-	W	2.327	-	-
Maine						
October 2019	-	-	-	2.007	-	-
September 2019	-	-	-	1.982	-	-
October 2018	-	-	-	W	-	-
Massachusetts						
October 2019	-	-	W	1.979	-	-
September 2019	-	-	W	1.967	-	-
October 2018	-	-	W	2.371	-	-
New Hampshire						
October 2019	-	-	W	W	-	-
September 2019	-	-	W	W	-	-
October 2018	-	-	W	W	-	-
Rhode Island						
October 2019	-	-	W	1.955	-	-
September 2019	-	-	W	1.967	-	-
October 2018	-	-	W	NA	-	-
Vermont						
October 2019	-	-	-	W	-	-
September 2019	-	-	-	W	-	-
October 2018	-	-	W	W	-	-
Subdistrict 1B						
October 2019	-	W	W	1.948	-	-
September 2019	-	W	W	1.928	-	-
October 2018	-	W	W	2.327	-	-
Delaware						
October 2019	-	-	W	1.936	-	-
September 2019	-	-	W	1.949	-	-
October 2018	-	-	W	W	-	-
District of Columbia						
October 2019	-	-	-	W	-	-
September 2019	-	-	-	W	-	-
October 2018	-	-	-	W	-	-
Maryland						
October 2019	-	-	W	1.948	-	-
September 2019	-	-	W	1.949	-	-
October 2018	-	-	W	2.331	-	-
New Jersey						
October 2019	-	-	2.119	1.930	-	-
September 2019	-	-	2.147	1.905	-	-
October 2018	-	-	2.542	2.318	-	-
New York						
October 2019	-	W	2.451	2.019	-	-
September 2019	-	W	2.444	2.005	-	-
October 2018	-	W	2.651	2.374	-	-
Pennsylvania						
October 2019	-	W	2.201	1.958	-	-
September 2019	-	W	2.249	1.935	-	-
October 2018	-	W	2.505	2.324	-	-

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
October 2019	-	W	2.076	1.952	-	-
September 2019	-	W	2.101	1.958	-	-
October 2018	-	W	2.484	2.355	-	-
Florida						
October 2019	-	-	2.085	1.966	-	-
September 2019	-	-	2.086	1.991	-	-
October 2018	-	-	2.507	2.382	-	-
Georgia						
October 2019	-	W	1.973	1.941	-	-
September 2019	-	W	2.025	1.929	-	-
October 2018	-	W	2.371	2.349	-	-
North Carolina						
October 2019	-	-	2.105	1.935	-	-
September 2019	-	-	2.134	1.944	-	-
October 2018	-	-	2.483	2.334	-	-
South Carolina						
October 2019	-	-	W	1.944	-	-
September 2019	-	-	W	1.941	-	-
October 2018	-	-	W	2.333	-	-
Virginia						
October 2019	-	-	1.937	1.946	-	-
September 2019	-	-	1.972	1.949	-	-
October 2018	-	-	W	2.336	-	-
West Virginia						
October 2019	-	-	W	1.997	-	-
September 2019	-	-	W	1.996	-	-
October 2018	-	-	W	2.387	-	-
PAD District 2						
October 2019	2.525	2.307	2.028	1.937	-	-
September 2019	2.390	2.240	2.031	1.904	-	-
October 2018	2.938	2.653	2.488	2.391	-	-
Illinois						
October 2019	W	2.246	2.028	1.875	-	-
September 2019	W	W	2.025	1.799	-	-
October 2018	W	2.715	2.593	2.366	-	-
Indiana						
October 2019	-	W	W	1.915	-	-
September 2019	-	W	W	1.834	-	-
October 2018	-	W	W	2.374	-	-
Iowa						
October 2019	-	2.263	2.017	1.971	-	-
September 2019	-	2.240	2.047	1.982	-	-
October 2018	-	2.620	2.478	2.437	-	-
Kansas						
October 2019	W	2.261	1.897	1.933	-	-
September 2019	W	2.106	W	1.954	-	-
October 2018	W	2.616	2.375	2.393	-	-
Kentucky						
October 2019	-	W	2.049	2.006	-	-
September 2019	W	W	2.026	1.979	-	-
October 2018	W	W	2.461	2.406	-	-
Michigan						
October 2019	W	2.766	2.240	1.939	-	-
September 2019	W	2.498	2.276	1.874	-	-
October 2018	W	W	2.611	2.398	-	-
Minnesota						
October 2019	W	2.345	2.127	2.020	-	-
September 2019	W	2.408	2.118	2.023	-	-
October 2018	W	2.705	2.558	2.492	-	-
Missouri						
October 2019	W	2.322	NA	1.954	-	-
September 2019	W	W	NA	1.958	-	-
October 2018	W	2.700	2.389	2.414	-	-

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
October 2019	W	2.338	W	1.978	-	-
September 2019	W	W	W	1.984	-	-
October 2018	W	2.689	W	2.441	-	-
North Dakota						
October 2019	W	2.286	W	1.955	-	-
September 2019	W	W	W	1.960	-	-
October 2018	W	2.628	W	2.437	-	-
Ohio						
October 2019	-	W	2.053	1.952	-	-
September 2019	-	W	2.053	1.869	-	-
October 2018	-	W	2.531	2.377	-	-
Oklahoma						
October 2019	-	W	1.958	1.906	-	-
September 2019	-	W	1.990	1.921	-	-
October 2018	-	W	W	2.359	-	-
South Dakota						
October 2019	W	2.356	W	2.002	-	-
September 2019	W	W	W	2.009	-	-
October 2018	W	2.692	W	2.459	-	-
Tennessee						
October 2019	-	W	1.970	1.949	-	-
September 2019	-	W	2.069	1.955	-	-
October 2018	-	W	2.461	2.343	-	-
Wisconsin						
October 2019	W	2.356	2.159	1.940	-	-
September 2019	W	W	2.087	1.860	-	-
October 2018	W	2.606	2.636	2.412	-	-
PAD District 3						
October 2019	-	-	2.006	1.912	-	W
September 2019	-	-	2.004	1.907	-	W
October 2018	-	W	2.391	2.315	-	W
Alabama						
October 2019	-	-	1.961	1.930	-	-
September 2019	-	-	1.988	1.933	-	-
October 2018	-	-	2.397	2.325	-	-
Arkansas						
October 2019	-	-	W	1.942	-	-
September 2019	-	-	W	1.964	-	-
October 2018	-	-	W	2.367	-	-
Louisiana						
October 2019	-	-	2.078	1.900	-	-
September 2019	-	-	2.075	1.870	-	-
October 2018	-	W	2.419	2.285	-	-
Mississippi						
October 2019	-	-	W	1.908	-	-
September 2019	-	-	W	1.929	-	-
October 2018	-	-	W	2.319	-	-
New Mexico						
October 2019	-	-	2.177	2.059	-	-
September 2019	-	-	2.181	2.053	-	-
October 2018	-	-	2.489	2.456	-	-
Texas						
October 2019	-	-	1.977	1.909	-	W
September 2019	-	-	1.978	1.913	-	W
October 2018	-	-	2.370	2.316	-	W

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
October 2019	W	2.531	2.154	2.155	-	-
September 2019	W	2.411	2.095	2.092	-	-
October 2018	3.179	2.790	2.538	2.507	-	-
Colorado						
October 2019	W	2.509	2.187	2.115	-	-
September 2019	-	2.371	2.154	2.105	-	-
October 2018	-	2.763	2.483	2.451	-	-
Idaho						
October 2019	W	2.842	2.296	2.173	-	-
September 2019	W	2.662	2.220	2.036	-	-
October 2018	W	2.751	2.584	2.564	-	-
Montana						
October 2019	W	2.319	W	2.024	-	-
September 2019	W	2.327	W	1.996	-	-
October 2018	W	2.723	W	2.520	-	-
Utah						
October 2019	W	2.943	2.119	2.185	-	-
September 2019	W	W	2.073	2.089	-	-
October 2018	-	W	2.611	2.588	-	-
Wyoming						
October 2019	-	2.579	2.082	2.311	-	-
September 2019	-	2.519	2.039	2.197	-	-
October 2018	W	2.766	2.429	2.456	-	-
PAD District 5						
October 2019	W	2.398	2.358	2.266	-	-
September 2019	W	2.252	2.295	2.138	-	-
October 2018	W	2.629	2.616	2.488	-	-
Alaska						
October 2019	W	W	W	W	-	-
September 2019	W	W	W	W	-	-
October 2018	W	W	W	W	-	-
Arizona						
October 2019	-	-	2.141	2.083	-	-
September 2019	-	-	2.127	2.018	-	-
October 2018	-	-	2.550	2.462	-	-
California						
October 2019	-	-	2.555	2.289	-	-
September 2019	-	-	2.470	2.209	-	-
October 2018	-	-	2.690	2.524	-	-
Hawaii						
October 2019	-	-	W	W	-	-
September 2019	-	-	W	W	-	-
October 2018	-	-	W	W	-	-
Nevada						
October 2019	-	-	W	2.155	-	-
September 2019	-	-	W	2.077	-	-
October 2018	-	-	NA	2.441	-	-
Oregon						
October 2019	-	W	2.326	2.313	-	-
September 2019	-	W	2.052	2.032	-	-
October 2018	-	W	3.049	2.414	-	-
Washington						
October 2019	W	W	2.184	2.224	-	-
September 2019	W	W	2.164	1.986	-	-
October 2018	-	W	2.551	2.412	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales of No. 2 fuel oil and diesel fuels.

[b] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2019 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.